

Hatsopoulos Marina
 Form 4
 July 27, 2010

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Hatsopoulos Marina

2. Issuer Name and Ticker or Trading Symbol
 GSI GROUP INC [LASR.PK]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 07/23/2010

Director 10% Owner
 Officer (give title below) Other (specify below)

C/O GSI GROUP CORPORATION, 125 MIDDLESEX TURNPIKE

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

BEDFORD, MA 01730-1409

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	07/23/2010		J ⁽¹⁾		11,482	D	\$ 0
Common Stock	07/23/2010		A ⁽¹⁾		25,205 ⁽²⁾	A	\$ 0

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Hatsopoulos Marina C/O GSI GROUP CORPORATION 125 MIDDLESEX TURNPIKE BEDFORD, MA 01730-1409		X		

Signatures

Marina Hatsopoulos by Anthony J. Bellantuoni,
Atty-in-fact 07/27/2010

__Signature of Reporting Person
Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
 - ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- On July 23, 2010 (the "Effective Date"), the Final Fourth Modified Joint Chapter 11 Plan of Reorganization for MES International Inc. ("MES"), GSI Group Inc. (the "Company") and GSI Group Corporation ("GSI" and, collectively with MES and the Company, the "Debtors"), as confirmed by the United States Bankruptcy Court for the District of Delaware on May 27, 2010 (the "Plan"), became
- (1) effective and the Debtors emerged from Chapter 11 protection. In connection with the Plan, (i) all common shares and vested share rights of the Company that were outstanding prior to the Effective Date (collectively, the "Old Common Shares") were cancelled and (ii) new common shares of the Company, as reorganized ("New Common Shares"), were issued to holders of such Old Common Shares under the Final Plan on a one-for-one basis, subject to a 6.165% escrow as contemplated in the Plan.
 - (2) Includes 14,431 New Common Shares issued in exchange for certain vested share rights of the Company and 10,774 New Common Shares issued in exchange for Old Common Shares held by the Reporting Person

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.